### MDPS Extension Activities and Resources

## <u>Virtual Excursions</u>

Activity	Source	Links
Draw, paint, sculpt	Sydney Aquarium	The Sydney Aquarium is also offering
your favourite sea		craft activities and educational resources
creature		that can help your little marine biologist
		learn more about everything below the
Write a letter to the		waves.
marine biologist,		
what would you like		https://www.visitsealife.com/sydney/what
to know more about?		s-inside/virtual-aquarium/live-stream/
Design your own		
Aquarium, where are		
the sea animals		
located, how will you		
view, feed, care for		
them?		
Watch a live session	Australian Reptile	For your budding biologists, the reptile
	Park	park has a weekly line-up.
Draw, paint, sculpt		
your favourite reptile		https://www.reptilepark.com.au/educatio
Write a letter to the		nhub/
zookeeper, what		
would you like to		
know more about?		
Design your own		
Reptile enclosure,		
where are they kept,		
how will you view,		
feed, care for them?		

Virtual Lessons	Taronga Zoo	Taronga offers daily line-ups from their
		zoos allowing your child to see their
Draw, paint, sculpt	Example:	favourite animals, meet friendly animal
your favourite animal	Backyard Bug	keepers and learn what goes on behind
	Catching Tuesday 10	the scenes.
Write a letter to the	August	
zookeeper, what	11:30 – 12:00	https://taronga.org.au/taronga-tv
would you like to		
learn more about?		
		https://taronga.org.au/education/digital-
Design your own Zoo,		programs-online-resources/virtual-zoo-
what type of animals		<u>lessons</u>
do you have there?		
Why? How will you		
get around the Zoo?		
Interactive website	Great Barrier Reef –	Join the legendary David Attenborough
	David Attenborough	on this interactive journey through the
What shapes can you		Great Barrier Reef.
see in the ocean?		
		https://attenboroughsreef.com/
Can you design a reef		
using shapes only?		
Penguins on Phillip	Phillip Island	https://www.penguins.org.au/virtual/live-
Island		penguin-tv/
	Watch the penguins	
Where else can	on Phillip Island	
penguins be found in	waddle on to the	
Australia?	beach at sunset. The	
	fun starts every	
How and why are	night at 6:00pm	
they protected?		
Belgenny Farm 360°	Belgenny Farm	https://3dinsights.com.au/viewer/belgenny_f
Virtual Tour		arm/creamery/

Resources are		
available for		
downloading		
Virtual Experience	Cockatoo Island	https://www.cockatooisland.gov.au/en/learn/
		<u>virtual-excursion/</u>
Free Digital Program	Sydney Opera	https://www.sydneyoperahouse.com/schools
	House	<u>/whatson-</u>
Be inspired by a		schools/digitalclassroomexperiences/2021/di
range of digital		gital-learning-schools.html
experiences, from		
storytelling and		
performance		
workshops to digital		
tours, author talks,		
live streamed		
performances and		
much more.		
Our expert		
presenters,		
curriculum-linked		
resources and high		
production values		
make this a		
connection you won't		
want your students to		
miss		
Tocal is a 2200	Tocal Virtual Farm	https://www.tocal.nsw.edu.au/farm-and-
hectare farm located		<u>facilities/tocal-farms/virtual-farm</u>
in the lower Hunter		
Valley of New South		
Wales, Australia. The		

property contains a
range of natural
ecosystems, from
rainforest remnants
and wetlands to dry
sclerophyll forests.
The main farm
enterprises are beef
cattle, dairying, horse
breeding, and free-
range egg
production, with a
small demonstration
of sheep flock and
some cropping.

# Science and Technology

Activity	Source	Links
<u> </u>		

Mini Lab studios provides interactive games that will teach your children about the solar system and space.	Mini Lab Studios	https://www.minilabstudios. com/apps/professor-astro- cats-solar-system/
Create a 3D model of the Solar System using anything you want: recycled materials like paper and foil or playdough, even connectable if you can!	NASA Live	Learn about space, science and technology with the NASA Kids' Club.  https://www.nasa.gov/nasalive or https://www.youtube.com/channel/UCLA_DiR1FfKNvjuUpBHmylQ
A platform offering short educational videos on every subject from science to art	The Kids should see this	https://thekidshouldseethis. com/
Explore, play games and complete activities at:	NASA Kids Club	https://www.nasa.gov/kidscl ub/index.html
Your future astronaut or budding engineer can explore the surface of Mars through this amazing VR experience	Explore Mars	https://accessmars.withgoo gle.com/
Full STEAM Ahead – Interactive PowerPoint  Examine how advances in technology are changing how we	Smart Solutions:	https://australiapostcollecta bles.com.au/content/dam/a uspost_corp_microsites/coll ectables/stamp-colecting- month/scm-2021-full-
produce energy, food and much more		steam- ahead/resources/smart-

		solutions-full-steam-ahead- interactive-slideshow.pptx
Full STEAM Ahead –	Age of The	https://australiapostcollecta
Interactive PowerPoint	Machines:	bles.com.au/content/dam/a
		uspost_corp_microsites/coll
Be introduced to robotics, artificial		ectables/stamp-colecting-
intelligence and much more.		month/scm-2021-full-
		steam-
		ahead/resources/age-of-
		the-machine-full-steam-
		ahead-interactive-
		slideshow.pptx
Full STEAM Ahead -	Aiming for the	https://australiapostcollecta
Interactive PowerPoint	Stars:	bles.com.au/content/dam/a
		uspost_corp_microsites/coll
Explore space and test yourself with		ectables/stamp-colecting-
these fun quizzes		month/scm-2021-full-
		steam-
		ahead/resources/aiming-
		for-the-stars-full-steam-
		ahead-interactive-
		slideshow.pptx
Explore over 150 Science	Fizzics	https://www.fizzicseducatio
Experiments	Education	n.com.au/category/150-
		science-experiments/
Everything from bouncing eggs to		
botany, polar, heat, force, electricity		
and water experiments.		
Which one will you choose?		
Did it work? Why/Why not?		

Beat mum, dad and extended family members with this Fun Science Trivia Activity  Listen to over 100 Science Podcasts	Fizzics Education Fizzics Education	https://www.fizzicseducation.com.au/category/trivia/ https://www.fizzicseducation.com.au/category/podcast/
Wherever you are, be inspired by science and learn about the way our world works through a variety of fun experiments and activities you can do at home for FREE	Questacon	https://starportal.edu.au/activi ty/questacon-at-home-fun- science-activities-for-kids  https://www.questacon.edu.au /discover/questaconathome
Learn with Smithsonian  Art, History, Culture, Science and Nature Activities and Games to be explored  Art meets Science in some amazing collections	Smithsonian	https://www.si.edu/kids

The Olympics may be over but that does not mean there isn't anything to learn:

Activity	Source	Links
Design a poster or artwork of your	Department of	https://content.olympics.com
favourite Olympian or event	Education	<u>.au/public/2020-</u>
Write a letter of support to the		05/Lower%20Primary%20-
Australian Olympic Team.		%20Village%20Art.pdf
Send it to: National Community		
Engagement Manager Australian		
Olympic Committee Level 4, 140		
George Street Sydney NSW 2000 by 1		
June 2021		
View the video on the Tokyo 2020		https://olympics.com/tokyo-
logo.		2020/en/news/united-by- emotion-to-be-the-tokyo-
Llow does the logo represent Tolays		2020-games-motto
How does the logo represent Tokyo and the Olympic movement?		
and the digitiple movement:		
Research the motto for the Tokyo		
2020 Olympic Games - How do the		
Olympic Games connect people and		
places in Japan but also		
internationally?		
Write a story and draw a picture to		
show how the Olympic Games		
connects people and places.		
Find Tokyo Japan on Google Earth	Google Earth	https://earth.google.com/we
		<u>b/</u>

What Interesting things can you see, can you find the coordinates to both countries, how far apart are they?  What are the similarities and differences between Japan and Australia?		
How will our Australian		https://content.olympics.com
Olympians get to Japan?		<u>.au/public/2020-</u> 05/LP%202%20-
Use the map in the links to print and		%20Trek%20to%20Tokyo.pdf
draw a line from the transport to the		
map		
What are the similarities and	Traditional	https://content.olympics.com
differences in these Crane dances?	Japanese	.au/public/2020-
differences in these crafte damees:	Dance	05/LP%203%20-
Who is performing them and why?	Barree	%20Dance%20and%20Cultur
	https://www.yo	e.pdf
	utube.com/wat	
	ch?v=RRklPpzT	
	<u>_eA</u>	
	Australian	
	Aboriginal	
	Crane Dance	
	https://www.yo	
	utube.com/wat	
	ch?v=U2vzsSm	
	<u>qGg8</u>	
Use the link to explore and learn		https://content.olympics.com
about the Australian Olympic Team		.au/public/2020-
Mascot BK.		

		05/LP%204%20-
What do you think BK could do to support the Australian Olympians and how can he represent you and the Australian people?  Write an email to BK to share your		%20Olympic%20Mascots.pdf
ideas with them. Send your email to bk@olympics.com.au		
Create/Design a mascot to represent you at an Olympic Games.		https://content.olympics.com .au/public/2020- 05/LP%205%20-
Your challenge: - Use recycled materials.		%20Move%20Your%20Body.
- Create it so that a class member or member of your family can wear it.		
Measure how far you can jump, how		https://content.olympics.com
fast you can run and how strong you		.au/public/2020-
are.		05/LP%205%20- %20Move%20Your%20Body.
Record your findings and compare them with your siblings or a family member		pdf
Research how Tokyo 2020 is reducing, reusing and recycling.	https://www.yo utube.com/wat ch?v=jqK4S6LH	https://www.olympics.com.a u/community-and- schools/educator-resources/
Make a pledge to reduce, reuse and recycle yourself. Decide on one action you can do	nzk	
today to reduce, reuse or recycle.		
What is it?		

How can others help you to achieve	
your goal?	
What can your school do to reduce,	
reuse and recycle?	
Why is it important?	

### <u>Language</u>

Activity	Source	Links
Learn another language	Rosetta Stone for	https://www.rosettastone.
Does your child want to learn	Kids	co.uk/languages/
another language? This platform		
offers immersive lessons and		
constant feedback to help your		
child.		
Pen pal	Australia Post	https://auspost.com.au/a
		bout-us/supporting-
Letter writing is a fun, creative and	STEAM Resources	communities/literacy-
rewarding way for children to		education/pen-pal-club
practice literacy and		
communication. Use our lesson		
plans, sample templates and/or join		
our Pen Pal Club to get started		
Match words in Guugu Yimidhirr	Australia's Defining	https://digital-
language (from far North	Moments – Digital	classroom.nma.gov.au/gam
Queensland) with words recorded	Classroom	es/aboriginal-language- game
by James Cook's 1770 Endeavour		garric
crew in this fun, free game for	National Museum	
school-aged children.	Australia	
School's in at the National Library's	National Library of	https://www.nla.gov.au/digi
Digital Classroom.	Australia	<u>tal-classroom</u>
	D: : 101	
Home to more than 10 million	Digital Classroom	
collection items, the National		
Library of Australia is the largest		
source of information in the world		
about Australia and its people.		

The Digital Classroom is aligned to the Australian Curriculum and supports a variety of classroom contexts and learning styles. It adopts an inquiry approach, allowing students to analyse sources, develop skills and draw their own conclusions about the Australian story.		
Find a huge selection of fun	State Library of New	https://www.sl.nsw.gov.au/l
activities and online resources for	South Wales	earning/learning-home
you to enjoy at home including		
virtual tours, art clubs, creative		
writing clubs and young writing		
clubs		
Explore museums, artworks, places,	Google Arts and	https://artsandculture.goog
games, festivals and cultures from	Culture	<u>le.com/</u>
around the world		
Delivers 24/7 anywhere, anytime	Oliver Library	https://www.virtuallibrary.in
access to your school library		<u>fo/oliver-library.html</u>
resources including digital content	Accessed through	
such as eBooks and websites.	Student Portal	

Maths is used every day in almost everything we do. Parents and carers can support their child's mathematical skills and understanding with these fun, practical, and creative activities.

https://education.nsw.gov.au/campaigns/mathematics/everyday-maths

# <u>Geography</u>

Activity	Source	Links
If you have an avid explorer in	Kids World Travel	https://www.kids-world-
your home, this platform can	Guide	travel-guide.com/
teach them about the world and		
it's countries.		
Keep your child learning with a	National Geographic	https://www.natgeokids.co
variety of content from National	for Kids	m/au/
Geographic, specifically created		
for kids.		
What is Macquarie Island used	Macquarie Island	https://skyavenue.com.au/
for?	Research Station –	virtualtour/macca.html?ht
	Virtual Tour	ml5=prefer
Where is it located?		
What can you do there?		
In the Garden	Australia Post	
Sustainable Living		
	STEAM Resources	

Australia Post has a variety of educational stamp collecting videos that address important themes such as endangered wildlife, the solar system, things that sting as well as stamp collecting!!		https://www.youtube.com/watch?v=YwMqTkC1_hQ&t =5s
This extracurricular virtual science program is for kids in Years 4-6. It offers students a hands-on and highly interactive science experience like nothing they've seen before.	DART Learning Arludo	https://dartlearning.org.au /provider/arludo/
During our 8-week program, your child will use a range of our awesome science apps to collect data and engage in thought-provoking conversations with real scientists via weekly livestreams to improve their critical and analytical thinking skills. Our apps use augmented reality and game mechanics to captivate students and keep them engaged in our online program.		
This is the most immersive athome science extension program currently available to students in Term 3.  Greater details about the		

parents can be found		
athttp://ingenious.arludo.com		
Brilliant replaces lecture videos	Brilliant	https://brilliant.org/
with hands-on, interactive		
lessons. It's a better (and more		
fun) way to learn.		
Interactive science and maths		
lessons are available		
Investigate family, community	Australia's Defining	https://games-digital-
and try the defining moments	Moments – Digital	classroom.nma.gov.au/dm_g
quizzes	Classroom	ames/virtual-museum/
	National Museum	
	Australia	

## <u>History</u>

Activity	Source	Links
Explore the HMAS Endeavour  What was it used for? How many decks does it have?  Where is the bow and the stern?  When was it in service? Where did it go? How many people did it carry?  Build/ Design your own ship	HMAS Endeavour – Virtual Tour	https://anmm-content.s3- ap-southeast- 2.amazonaws.com/anmm _files/VirtualEndeavour/in dex.html
Webinars, podcasts, online exhibitions, 360 degree experiences, learning resources and much more	Australian War Memorial	https://www.awm.gov.au/learn/learning-from-home/virtualvisit  https://www.awm.gov.au/learnn  https://www.awm.gov.au/visit/exhibitions-online  https://www.awm.gov.au/visit/exhibitions-online
Challenge yourself with a range of exciting games and interactives that explore defining moments in Australian history including:	Australia's Defining Moments – Digital Classroom National Museum Australia	https://digital- classroom.nma.gov.au/learni ng-resources/games

- Gold Rush
- Cemeteries
- Snowy Hydro
- Port Fairy
- Meet a Yolngu family and a
Vietnamese refugee family

### **Creative and Performing Arts**

Astonishing Art Galleries and Magnificent Museums. Just like zoos, museums around the world have had to close their doors due during the pandemic. However, this has given people the unique opportunity to see everything inside them from the comfort of our own homes. From island research stations to the most famous art museums in the world, here are some virtual tours to extend your children's learning.

Activity	Source	Links
Virtual Tour	NSW Art Gallery	

		https://artsandculture.goo gle.com/partner/art- gallery-of-new-south- wales
Virtual Tour	The Louvre	https://www.louvre.fr/en/o nline-tours
	Museum of Applied Arts and Science	https://artsandculture.goo gle.com/partner/powerho use-museum-of-applied-
	(Powerhouse Museum)	arts-and-sciences
Aussie artist Ken Done offers free worksheets to help children of all ages explore and have fun with art	Ken Done	https://kendone.com.au/a bout-resources.php
Drama - Live Plays  The National Theatre is showcasing a different live play every week  Brainstorm ideas for a play or performance, write a script, practice with your siblings and put on a live show for your family!	The National Theatre	https://www.youtube.com/user/ntdiscovertheatre/featured
The Globe Theatre is showcasing various Shakespeare plays  The Centre for Puppetry Arts is	The Globe Theatre  Shakespeare  The Centre for	https://globeplayer.tv/  https://puppet.org/progra
streaming puppet shows, puppet presentations, and workshops online	Puppetry Arts	ms/?type=digital-puppet- shows&location=online

Music - Here are some activities for the musicians in your family - or if you're looking for something different to do, mix it up with one of the following programs:  Live stream musicians from around the world into your home and have your very own concert.	Tiny Desk Concerts	https://www.npr.org/series /tiny-desk-concerts/
This platform offers clips from the popular TV show featuring performances by musicians aimed to entertain your younger children.	Yo Gabba Gabba	https://www.youtube.com/ user/yogabbagabba/video S
Introduce your child to classical music through resources on this platform.	Classical Kids	https://www.yourclassical. org/listen  For classical read alouds  https://www.yourclassical. org/kids
Explore the science of music through online exhibits, movies, and questions	Exploratorium – The Science of Music	https://www.exploratoriu m.edu/music/index.html

<u>PE</u>

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Physical activity and exercise is vital for children, as well as adults. There may still be some restrictions on physical activity during Learning from Home; so, we've come up with a few substitutes to ensure your child gets at least 30 minutes of exercise a day:

Please click on the below links for some fun physical activity classes

Activity	Source	Links
Fitness Classes	PE With Joe	https://www.youtube.com/pl aylist?list=PLyCLoPd4VxBvQ afyve889qVcPxYEjdSTl
Fitness Classes	Jedi Workout	https://www.youtube.com/w atch?v=Q9pB8I_vqCw
Fitness Classes	Move like Avengers	https://www.lesmills.com/ave ngers/
Fitness Classes	Cosmic Kids Yoga	https://www.youtube.com/w atch?v=0ImHIWzP49M
Dance Party  For the dancers in your family, or the ones who just want to shake and wiggle, here are some alternatives that will ensure they stay active and have a great time:	Hip Hop Dance Videos	https://www.youtube.com/watch?v=JWTyO8npkOQ
	Kidz Bop Aus & NZ	https://www.youtube.com/ch annel/UCKAUvFpaOoawkIT5 _6lp6LA

Go Noodle	https://www.youtube.com/us er/GoNoodleGames/featured or https://www.gonoodle.com/
Dance Parent 101	https://www.youtube.com/ch annel/UCATIs70CNB9I2hHv wKtMTyw/videos

#### Offline Activities suggested by the Department of Education

https://education.nsw.gov.au/parents-and-carers/wellbeing/school-holidays/offline-activities

Considering how much time we all spend in front of a screen these days, it's important to keep that balanced with some offline activities. Here are a few ideas you can incorporate into your child's daily or weekly schedule:

- 1. **Board games**: You can stick with the classics including Monopoly, Chess, Scabble and Jenga or explore new, online versions. Board games can help with developing your child's literacy and numeracy skills.
- 2. Start a virtual book club: If your children like to read, they can start a book club with you or with their friends. This allows them to get together with their friends once a week to discuss the book they're reading and recommend new books.
- 3. Start a virtual film club: If your child is passionate about film, they can start their own film club with you or their friends. This allows them to get together with their friends once a week to talk about the same film they've watched and recommend new films.
- 4. Have an indoor or garden picnic: And indoor or outdoor picnic in your garden it will help to break the monotony of the routine and just add some fun and whimsy to mealtimes.

- 5. Learn a musical instrument: If you have a musical instrument in your home, you can help your child learn to play it. If you aren't proficient in the instrument there are a variety of online tutorials that teach the basics of how to play musical instruments.
- 6. **Build a puzzle**: This is an easy and simple way to keep little ones busy or even create an entire family activity.
- 7. Teach your child or teen to cook: Getting your child or teen to cook a few basic meals during the holiday for themselves or the family is a great life skill. It'll also help them feel a sense of accomplishment once they've successfully created a meal by themselves.
- 8. Teach your child or teen to bake: Getting your child or teen to bake a few basic desserts or baked goods during the holiday for themselves or the family is a great life skill. It'll also help them feel a sense of accomplishment once they've successfully created a meal by themselves.
- 9. **Go for a walk**: Getting out of the house and doing exercise in a safe way once a day is recommended for good health. A few times a week, go for a walk with the immediate family, but be mindful of physical distancing.
- 10. Make a blanket fort: An activity that never dates. By helping your child make a blanket fort you'll provide them with hours of entertainment.
- 11. **Colouring**: This is a great activity for you to do with your child, as colouring promotes mindfulness, focus and calm. It will help your child decompress and get creative at the same time. Get them to decorate their room with their colouring masterpieces.
- 12. Homemade playdough: You can make this with a variety of recipes online and it'll give your younger child hours of enjoyment. It also supports the development of your child's fine motor skills, teaching your younger child how to grip and pull.
- 13. **Reading**: Reading is a calming, solitary activity that promotes mindfulness. It's a great activity, especially during stressful times and will help your family focus on learning, imagination and curiosity during uncertain periods.
- 14. **Origami**: All this requires is square pieces of paper. There are numerous online tutorials that can teach you and your child how to create all sorts of interesting objects through paper folding.

- 15. Start an art project: Suggest to your child to create a drawing, painting, or craft something. This will help them to use their creative brain. You could also schedule time to work on the art project over multiple days.
- 16. Have a 'spa' day: Have some relaxing and fun time with your children by organising a 'spa' day. This can be done in your home, and can include activities such as yoga, meditation, hand and back massages, to painting each other's nails and facials.
- 17. **Stargazing**: For those who can, spend some time every night having a look at the stars in the sky. Learn the constellations and the stories behind them and learn about which planets can be seen in the night sky. There are also a variety of stargazing apps to help you with this.

The activities in this list are general suggestions. You will know what activities are best suited to your child and their interests.

#### Further suggestions from the Department of Education

https://education.nsw.gov.au/content/dam/main-education/en/home/parents-and-carers/school-holidays/going-to-the-zoo-these-school-holidays/Activities\_to\_Try.pdf



# Some activities and ideas for home for parents of primary and early learners



#### Supporting your child's learning at home

Information for parents and carers about how to support their child's learning at home is available in the following languages

Arabic (PDF 12KB) External link

Bengali (PDF 172KB) External link

Burmese (PDF 154KB) External link

Chinese-simplified (PDF 334KB)External link

<u>Chinese – traditional (PDF 347KB)External link</u>

Dinka (PDF 385KB) External link

English (PDF 116KB) External link

Filipino (PDF 251KB)External link

French (PDF 304KB)External link

Greek (PDF 287KB) External link

Hindi (PDF 158KB) External link

Indonesian (PDF 255KB)External link

Italian (PDF 303KB)External link

<u>Japanese (PDF 177KB)External link</u>

Karen (PDF 132KB) External link

Khmer (PDF 167KB) External link

Kirundi (PDF 256KB) External link

Korean (PDF 266KB) External link

Lao (PDF 204KB)External link

Mongolian (PDF 291KB) External link

Nepali (PDF 157KB) External link

Persian (PDF 119KB) External link

Portuguese (PDF 304KB)External link

Punjabi (PDF 389KB) External link

Russian (PDF 316KB)External link

Samoan (PDF 256KB) External link

Serbian (PDF 290KB)External link

Somali (PDF 307KB) External link

Spanish (PDF 219KB)External link

Swahili (PDF 306KB)External link

Tamil (PDF 160KB)External link

Tongan (PDF 279KB)External link

Thai (PDF 118KB) External link

Turkish (PDF 367KB) External link

<u>Urdu (PDF 162KB)External link</u>

Vietnamese ((PDF 249KB)